

Name:

**Daily routine for Chapter 3**

1) Fill in your guided notes using the books website ([www.classzone.com](http://www.classzone.com)).

- \* Sign in and select our textbook.
- \* In the top left corner there is a drop down menu for the chapters. Please select chapter 3.
- \* Select PowerPoint Presentations.
- \* Then select the appropriate lesson.

2) Practice similar problems using the interactive website [www.interactmath.com](http://www.interactmath.com).

- \* Select the Enter button.
- \* Select the Prentice Hall Algebra 2 book from the drop down menu.
- \* Then select the appropriate section.

3) Complete the homework assignment.

- \*Page 164 # 18-23 all, 57

## Solving Systems of Equation using Elimination

### Notes:

Go to Lesson 2, Examples 1-2. Click through the slides to get to Example 2.

Example 2      Use the elimination method

**Solve the system using the elimination method.**

**Then check your solution algebraically.**

Equation 1

Equation 2

Step 1:

Step 2:

Step 3:

Solution:

Check:

**Equation 1**

**Equation 2**

You do **not** need to complete the guided practice.

Go back to [classzone.com](http://classzone.com) and select Lesson 2, Example 3.

Example 3      Standardized Test Practice

To raise money for new football uniforms, your school sells silk-screened T-shirts. Short sleeve T-shirts cost the school \$5 each and are sold for \$8 each. Long sleeve T-shirts cost the school \$7 each and are sold for \$12 each. The school spends a total of \$2500 on T-shirts and sells all of them for \$4200. How many of the short sleeve T-shirts are sold?

Write a verbal model:

Write a system of equations:

Solve the system:

Solution:

Check:

**Equation 1**

**Equation 2**

Go back to [classzone.com](https://www.classzone.com) and select Lesson 2, Example 4.

Example 4 Solve linear systems with many or no solutions

**Solve the linear system.**

a. Equation 1

Equation 2

**Solution:**

b. Equation 1

Equation 2

**Solution:**

You do **not** need to complete the guided practice.

**Practice Problems:**

At the Interact Math site click on the plus sign for Ch3: Linear Systems. Then select the plus sign for Section 2: Solving Systems Algebraically. Finally click on Solve systems of equations by elimination. Select Exercise 22 and complete all seven problems below. Show your teacher when you have all seven check marks (meaning you have completed all seven problems correctly.)

At the Interact Math site click on the plus sign for Ch3: Linear Systems. Then select the plus sign for Section 2: Solving Systems Algebraically. Finally click on Solve application problems. Select Exercise 19 and complete the two problems below. Show your teacher when you have two check marks (meaning you have completed two problems correctly.)